

28" 4K Widescreen LED Security Monitor – Metal Housing



USER MANUAL



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Important Information

Safety Warning

To use the product safely, correctly, and to keep users from suffering injury or property loss, please observe the following safety precautions when installing, using or maintaining.

Please read this handbook before operating the product and keep the handbook for future reference.

- Notice and observe all the warnings and illustrations.
- Do not adjust, maintain or modify if you do not have appropriate qualifications.
- Do not open or remove the rear cover, box or cover board of the product. Please contact the dealer or after-sales service center when in need of adjustment or maintenance.
- Do not place any items on the product. The product may be damaged if foreign objects enter the internal unit.
- Do not tread on or squeeze the power line, especially the plug or connection point of the power line to the product.
- Do not put the product in flammable or corrosive gaseous environment, which may cause fire or damage the product. Placing the product in proximity to flammable gas can easily result in a dangerous explosion.
- Please turn off power or unplug the power cable immediately if there is smoking, off-odor, or abnormal noise. Contact the after-sales service center for maintenance after confirming there is no more smoke or odor. Further use could result in fire.
- Only qualified service people can maintain. If the product gets any kind of damage, such as damage to the plug, foreign matter or liquid into the unit, exposure to rain or humidity, loss of function, or dropped, please contact dealer or after-sales service center.
- Do not expose the product to rain or chemicals. If the product is moist, allow to fully dry before plugging in or turning on power.
- Turn off the power when cleaning the product.
- Failure to properly secure all screws during installation can result in a fall of the product. Ensure all mounting hardware and other installation accessories are properly secured during installation.
- Do not touch any fixed components inside the product. Failure to do so can result in damage to the product or person.
- Be careful during maintenance of product even if the power is off. Some components are equipped with UPS, and can continue to supply power which is dangerous to people.

Notes

- Please put the product in a flat, stable and dry place. Avoid direct sunlight, high temperature, humidity, dust, and corrosive gas.
- If the product is installed on the wall, please make sure the wall's load bearing capacity is sufficient. To avoid falling and injuring people, install according to the included instructions with mounting hardware.
- The LCD may experience image distortion or color decay when the temperature variation is too large. Wait for a moment (with power on) and the distortion should disappear.
- Do not block the ventilation opening. Install the product according to this handbook.
- Do not install the product near any heat source such as a radiator, heat register or stove.
- Do not use uncertified connecting lines, which might cause equipment failure.
- Do not press, stretch or heat the connecting lines, which might cause damage to it.
- Please firmly grasp the plug of the connecting line when inserting and removing. Pulling the connecting line might cause damage to it.
- Cut off power and the connecting line immediately and contact the after-sales service center if the product or the connecting line is damaged for some reason. Continued use without maintenance might cause smoking or off-odor.
- Do not hang or lean on the product. Doing so can cause the product to fall or become damaged. It may also cause injury to people. Pay special attention when children are nearby.
- Please turn off power for safety if not using the product for a long time.
- Do not let the connecting line get squeezed, buckled, pulled or twisted.
- Make sure the power is turned off and the connecting lines are removed when moving the product.
- Avoid collisions with the product. This may cause equipment failure.

Introduction to the Product

Product Appearance



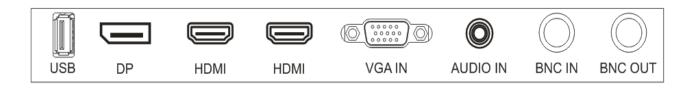
(Photos are for reference only)

Performance Features

- Supports 3D comb-filter and 3D de-interlace.
- Low energy consumption, long service life.
- High contrast ratio and high luminance.
- Automatically eliminates ghosting.
- Rapid response times, no trailing image.
- Thin and light.
- Full-HD LCD panel with top-ranking video processing chip.

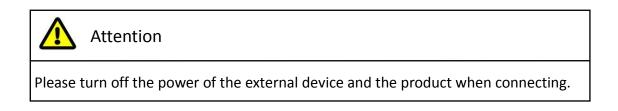
External Connections

Please connect the monitor to external devices according to the following I/O interface list. Choose the corresponding incoming signal channel.



VGA INPUT: D-SUB 15 pins Connector HDMI INPUT: HDMI Connector BNC IN: BNC Connector BNC OUT: BNC Connector AUDIO IN: Phone Jack, Stereo USB IN: Support USB update

DP INPUT: Display Port



Main Menu

Main Menu

To activate, press the menu button on the bottom left of the bezel. The sub-menus of the main menu are: PC Menu, Picture menu, Audio menu, OSD menu, Function menu and Geometry menu.

Press the menu button to select the sub-menu item. The selected menu item will show a bordered wireframe. Press the $\blacktriangle \bigtriangledown$ button to move among the secondary menu items of the sub-menu.





A. "Source" button

• Press the button to display all the signal channel menus.

B. "Upward" button

- Press the button to move the cursor to the needed function.
- Press the button to change the selected function in OSD menu item.

C. "Downward" button

- Press the button to move the cursor to the needed function.
- Press the button to change the selected function in OSD menu item.

D. "Rightward" button

- Press the button to move the cursor to the needed function.
- Press the button to change the selected function in OSD menu item.

E. "Leftward" button

- Press the button to move the cursor to the needed function.
- Press the button to change the selected function in OSD menu item.

F. "Menu" button

- Press the button to display the OSD main menu.
- Press the button to Exit the OSD menu or menu item.

G. "Power" button

• Press the button to turn on or turn off the display.

Picture Menu

Picture menu can set color temperature, aspect ratio, noise reduction, and picture mode. Press ▲ ▼ button to adjust value when item is selected, press menu button to exit.

	PICTURE	and the Property Constant of the				
1	Picture Mode	Standard				
<i>(</i>)))	Color Temperature Aspect Ratio Noise Reduction	Medium 16:9 Middle				
\$ _	Color Range	0~255				
	≓ ADJUST N MOVE	OK ENTER				

Sound Menu

Audio menu can set balance, automatic volume calibration, surround sound, EQ, and sound mode. Press $\blacktriangle \nabla$ button to adjust value when item is selected, press menu button to exit.

	SOUND	
	Sound Mode	Standard
<i>(</i>)))	Balance Auto Volume	0 On
¢۶	Surround Sound EQ	On
	⇒ ADJUST N MOVE	

Option Menu

Option menu can adjust OSD language set, restore the unit to factory defaults, trigger a software update when a USB is present with new firmware, adjust OSD transparency, OSD duration, and enable / disable auto sleep. Press $\blacktriangle \nabla$ button to adjust value when item is selected, press menu button to exit.

	OPTION OSD Language English
(O))	Restore Factory Default Software Update(USB)
₩	Blending Off OSD Duration Off
	Auto Sleep Misc ≓ ADJUST ↑↓ MOVE Internet RETURN

Screen Menu

Screen menu can adjust the H-position, V-position, clock, phase and auto adjust the position of the image within the unit. Press $\blacktriangle \nabla$ button to adjust value when item is selected, press menu button to exit.

	Scree	n	
	Auto Adjust Horizontal Pos.	50	
())	Vertical Pos.	50	
	Clock Phase	50 50	
₽¢	ГПАЗС	50	
	≓ ADJUST N MO	DVE	

Channel Selection

"Source" menu can select channel (input). The options include VGA, HDMI and so on. Press ▲ ▼ button to adjust value when item is selected, press menu button to exit.

How to Clean Product

1. Please wipe dust and other particles off with a clean soft towel.

2. If it is still not clean, please use a neutral cleaner along with the clean soft towel. Wipe dry after cleaning it.

3. Rubbing or scrapping the housing with fingernails or other hard objects might scratch the housing.

Troubleshooting

Before consulting service staff, please use the following chart to attempt to diagnose the issue.

Problem		Fix								
		2	3	4	5	6	7	8	9	10
No image or sound	\oplus	\oplus	\oplus		\oplus				\oplus	\oplus
Inferior sound, normal image	\oplus	\oplus		\oplus	\oplus				\oplus	
Inferior image, normal sound	\oplus		\oplus	\oplus	\oplus	\oplus			\oplus	
Poor signal	\oplus	\oplus	\oplus		\oplus				\oplus	
Vague image	\oplus		\oplus		\oplus				\oplus	
Double image	\oplus	\oplus	\oplus		\oplus					
Interfering lines in image	\oplus		\oplus	\oplus	\oplus					
Twisty image	\oplus		\oplus		\oplus				\oplus	
Poor signal	\oplus	\oplus	\oplus	\oplus	\oplus				\oplus	
Rung stripe in image			\oplus	\oplus						
Image vertically scrolls	\oplus		\oplus	\oplus					\oplus	
Inferior color	\oplus		\oplus							
No color	\oplus		\oplus		\oplus			\oplus	\oplus	

	Fix				
1	Switch to another channel or input.				
2	Check whether the signal line is connected.				
3	Check whether the signal line is connected.				
4	Interference from by other electric appliance may be present.				
5	Adjust fine tuning setting.				
6	Adjust luminance setting.				
7	Adjust contrast ratio setting.				
8	Adjust color setting.				
9	Check whether the system is set-up properly.				
10	Check whether the power is on.				

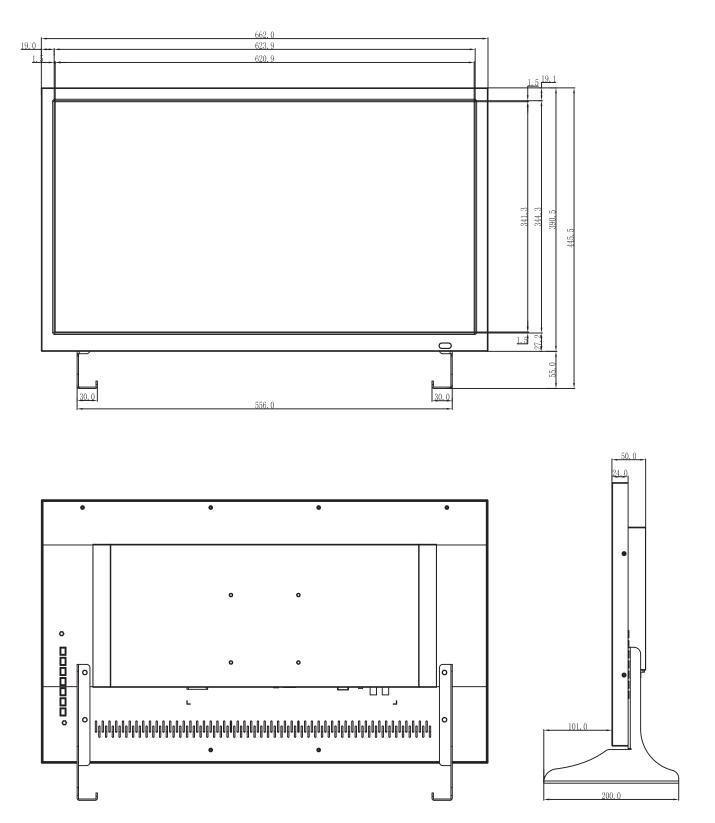
certificate of approval

Inspector:

Inspector date:

The product accords with the technical criteria and is allowed to sell

Dimensions



Specifications

Specifications	LED284K
Video System	NTSC/PAL (Auto Sensing)
Max Resolution	3840x2160 (Native)
Supported Resolutions	720x400;640x480;800x600;1024x768;1280x1024; 1920x1080;3840x2160;
3D Comb Filter	Yes
3D De-Interlace	Yes
OSD (On Screen Display)	Yes
Backlight	LED
Active Display Area	28" Diagonal
Impedance	75 OHM Self Terminating
Video Input Signals	HDMI, VGA, Composite BNC
Aspect Ratio	Selectable 16:9 or 4:3 in OSD
Pixel Pitch	0.16 mm x 0.16 mm
Color Depth	1.073G
Brightness	250 cd/m2
Contrast Ratio	1000:1
Viewing Angle (H/V)	178°/178°
Response Time	5.5ms
Auto Adjustment	Yes
Certificates	CE,FCC, UL
Languages	English, Chinese, German, French, Spanish, Italian
Input Voltage	100 ~ 240V AC
Power Consumption	<40W
Video Connections	2x HDMI, VGA, BNC Input/Output
Audio Connections	PC Audio (3.5mm Stereo)
Speakers	8Ω, 5 Watt per Channel
Dimensions (with stand) (H x W x D)	17.5" x 26.1" x 7.9"
Weight	15.2lb
Vesa Mounting	Yes (100 x 100)
Housing Material / Color	Metal / Black
Operating Temperature	32° ~ 104°(0°C ~ 40°C)